

10/593750

PTO/SB/08A (09-06)

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STATEMENT BY APPLICANT**

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Sheet

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of

4

Application Number

Filing Date

09/21/2006

First Named Inventor

Jonathan Sidney EDELSON

Art Unit

Examiner Name

Attorney Docket Number

12060.US.PCT.CIP

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	US-	3,101,627	08-27-1963	Linsley et al.	
	US-	3,612,892 A	10-12-1971	Nobile et al.	
	US-	3,701,556 A	10-31-1972	Richmond	
	US-	3,705,721 A	12-12-1972	Lulay et al.	
	US-	3,791,473	02-12-1974	Rosen	
	US-	3,812,411	05-21-1974	Johnson et al.	
	US-	3,878,400 A	04-15-1975	McSparran	
	US-	3,970,858 A	07-20-1976	Rist et al.	
	US-	4,173,119 A	11-06-1979	Greune et al.	
	US-	4,184,083 A	01-15-1980	Takeuchi	
	US-	4,253,308 A	03-03-1981	Eggenberger et al.	
	US-	4,307,690 A	12-29-1981	Rau et al.	
	US-	4,367,708 A	01-11-1983	Nakamura et al.	
	US-	4,401,938 A	08-30-1983	Cronin	
	US-	4,455,492 A	06-19-1984	Guelpa	
	US-	4,455,525 A	06-19-1984	Morishita et al.	
	US-	4,498,016 A	02-05-1985	Earleson et al.	
	US-	4,511,807 A	04-16-1985	Somerville	
	US-	4,563,630 A	01-07-1986	Woodward et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		JP 02169825 A	06-29-1990	Kawano et al.		

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Sheet

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		US- 4,629,968 A	12-16-1986	Butts et al.	
		US- 4,661,761 A	04-28-1987	Katsumata	
		US- 4,668,872 A	05-26-1987	Lerouge et al.	
		US- 4,682,044 A	07-21-1987	Hotate et al.	
		US- 4,699,097	10-13-1987	Tanaka et al.	
		US- 4,743,812 A	05-10-1988	Dishner	
		US- 4,777,425 A	10-11-1988	MacFarlane	
		US- 4,789,817 A	12-06-1988	Asakura et al.	
		US- 4,877,273 A	10-31-1989	Wazaki et al.	
		US- 4,888,493 A	12-19-1989	Fluegel	
		US- 4,994,684 A	02-19-1991	Lauw et al.	
		US- 5,006,781 A	04-09-1991	Schultz et al.	
		US- 5,020,491	06-04-1991	Mashino	
		US- 5,028,804 A	07-02-1991	Lauw	
		US- 5,056,487 A	10-15-1991	Yamakado et al.	
		US- 5,080,059 A	01-14-1992	Yoshida et al.	
		US- 5,115,183 A	05-19-1992	Kyoukane et al.	
		US- 5,117,931 A	06-02-1992	Nishida	
		US- 5,144,220 A	09-01-1992	Iwatani et al.	

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				Application Number	
				Filing Date	09/21/2006
				First Named Inventor	Jonathan Sidney EDELSON
				Art Unit	
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Sheet	3	of	4	Attorney Docket Number	12060.US.PCT.CIP

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		US- 5,198,698 A	03-30-1993	Paul et al.	
		US- 5,256,959 A	10-26-1993	Nagano et al.	
		US- 5,264,764 A	11-23-1993	Kuang	
		US- 5,311,063 A	05-10-1994	Hubler	
		US- 5,345,154 A	09-06-1994	King	
		US- 5,473,228 A	12-05-1995	Nii	
		US- 5,552,640 A	09-03-1996	Sutton et al.	
		US- 5,587,647 A	12-24-1996	Bansal et al.	
		US- 5,589,743 A	12-31-1996	King	
		US- 5,608,308 A	03-04-1997	Kiuchi et al.	
		US- 5,608,310 A	03-04-1997	Watanabe	
		US- 5,614,809 A	03-25-1997	Kiuchi et al.	
		US- 5,621,304 A	04-15-1997	Kiuchi et al.	
		US- 5,691,576 A	11-25-1997	Minks	
		US- 5,703,410 A	12-30-1997	Maekawa	
		US- 5,730,094	03-24-1998	Morris	
		US- 5,751,069 A	05-12-1998	Rajashekara et al.	
		US- 5,763,977	06-09-1998	Shimasaki et al.	
		US- 5,832,896 A	11-10-1998	Phipps	

FOREIGN PATENT DOCUMENTS					
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		Filing Date	09/21/2006
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Sheet	4	of	4
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